NOVEMBER/DECEMBER 2025

FCA51/FCS51/FSC51/CCA51/CCS51/CSC51 — MOBILE APPLICATION DEVELOPMENT

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

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1. Define Mobile Application.
2. List the uses of mobile application.
3. What are the components of UI tool kit?
4. Define user interface.
5. What is persisting data in SQLite?
6. How do we create interactive services in android?
7. List the advantages of Android Services.
8. List the disadvantages of Android Services.
9. What are Media and Camera API?
10. Any two advantages of Camera API.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain in detail the role of emulators in mobile application.

Or

(b) Give the advantages and disadvantages for mobile application.

12. (a) Write a note on List view.

Or

(b) Write a note on Gried view.

13. (a) Write a note on SQLite database.

Or

(b) Write a note on different data persistence schemes.

14. (a) Explain multi threading.

Or

(b) Explain Intent Service.

15. (a) Compare Animation and Graphics.

Or

(b) Briefly discuss about the camera API with an example.

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SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail about validation in mobile applications.

17. Explain the hardware constraints involved in mobile design.

18. Explain:
(a) Google maps
(b) GPS and WiFi

19. Discuss briefly the HTTP Url connection.

20. Explain in detail about integration with social media applications.

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